

FIG. 1

```

graph TD
    200[Receive new supplier quotation] --> 210{More expensive than from trusted supplier?}
    210 -- Yes --> 290([Place order with old supplier])
    210 -- No --> 220[Assemble description of supplied component, what it will be used in, who purchases that, warranty for what it will be used in (terms and duration), implications of quality or inadequate supply problems (including on sales of other products not using the component), who we are, and longest delay acceptable until insurer's quote is received]
    220 --> 230[Send RFQ; Get incremental cost from insurance company]
    230 --> 240{Were willing to insure?}
    240 -- No --> 290
    240 -- Yes --> 250[Add insurance cost to new supplier cost to get effective cost]
    250 --> 280{Is effective cost cheaper?}
    280 -- No --> 265[Notify insurance carrier that insurance will not be used]
    265 --> 290
    280 -- Yes --> 270[Pay for active insurance]
    270 --> 280([Place order with new supplier])
  
```

FIG. 2

FIG. 2

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graph TD
    300[Receive RFQ] --> 310[Fetch relevant info needed to make decision and to compute pricing for insurance]
    312[(Info about suppliers)] --> 310
    314[(Info about all current policies written)] --> 310
    316[(Info about org requesting quote)] --> 310
    318[(Info about using supplier input in requester's product or service)] --> 310
    310 --> 320{any missing?}
    320 -- No --> 350{would this policy concentrate our risks too much?}
    320 -- Yes --> 325{RFQ provides time to obtain?}
    325 -- Yes --> 330[Obtain missing info]
    330 --> 335[Insert into databases]
    335 --> 310
    325 -- No --> 350
    350 -- Yes --> 340([Return RFQ indicating no interest in insuring])
    350 -- No --> 360[Calculate probabilities and costs of payout; then calculate the premium price]
    360 --> 370[Update databases]
    370 --> 380[/Return RFQ with price, date by which policy must be confirmed/]
    375[/Response from Insured/] --> 385{Time out}
    385 -- Yes --> 388[Clean up databases (policy won't be issued)]
    385 -- No --> 390{Insured wants policy activated?}
    390 -- Yes --> 392[Update databases; credit payment]
    390 -- No --> 388
    388 --> 395([Finished])
    392 --> 395

```

**FIG. 3**

FIG. 3

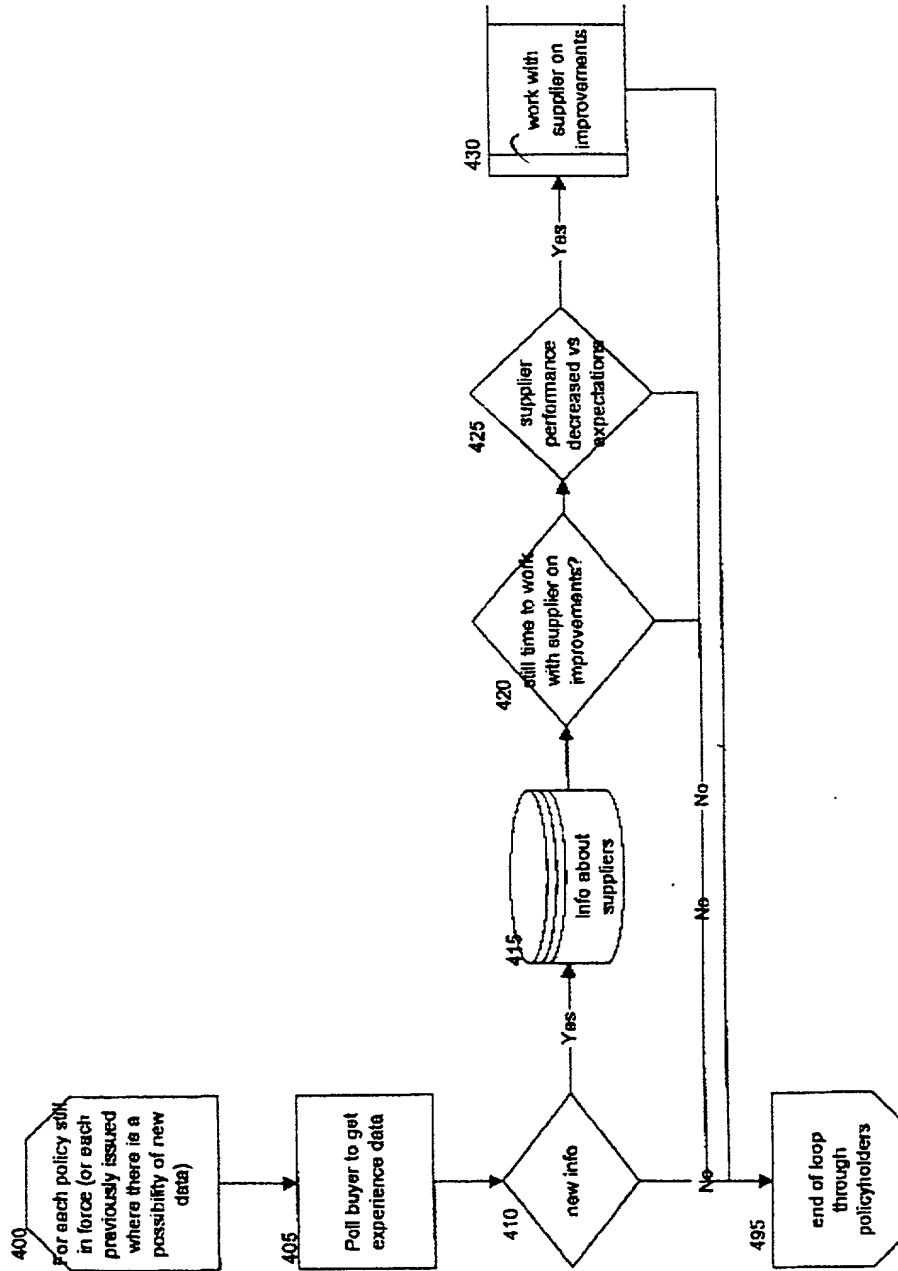


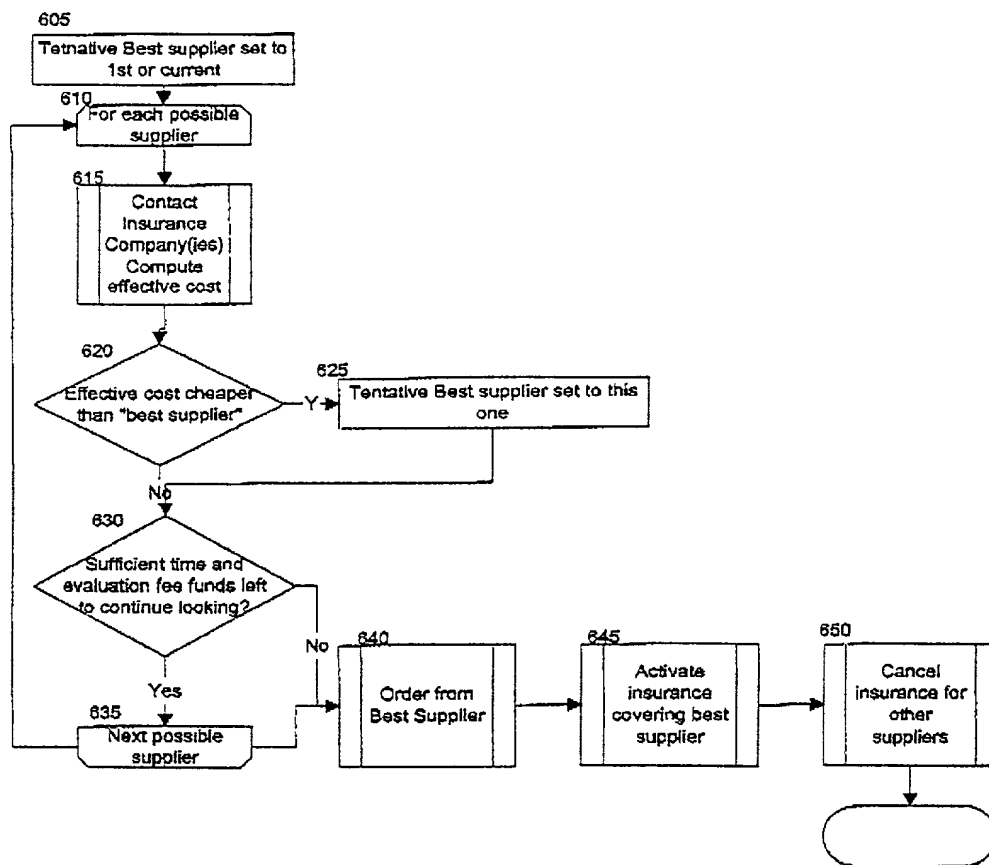
FIG. 4

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graph TD
    505[Quality, capacity, time-to-deliver ability] --> 510[Analyze at insurance company]
    510 --> 515{warrants modifying supplier profile?}
    515 -- Yes --> 520[(Info about suppliers)]
    515 --> 525[Acknowledge supplier info]
    520 --> 525
    525 --> 530([Finish])
  
```

**Chart-6 Buyer selects from multiple suppliers**

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[illegible]